

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent Application of:

INVENTORS: William J. Scales et al.

SERIAL NO.: 10/

ART UNIT:

FILED: herewith

EXAMINER:

TITLE: "CONFIGURING MEMORY FOR A RAID STORAGE SYSTEM"

ATTORNEY DOCKET NO.: GB920020094US1

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Pursuant to Sections 609 and 707.05(b) of the MPEP and 37 CFR 1.97-1.99, the attached form PTO-1449 lists documents, which may be pertinent to the invention as claimed in the above-identified application. Copies are herewith submitted of the non-US documents. The documents include art cited in a Search Report issued in the parent British application. A copy of the Search Report is also enclosed.

The citation of these documents should not be construed as a representation that a thorough search has been made, or that other, more pertinent material is not available.

Respectfully submitted,



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Application No: GB 0309538.7
Claims searched: 1-12

Examiner: Nigel Hanley
Date of search: 11 December 2003

Patents Act 1977 : Search Report under Section 17

Documents considered to be relevant:

Category	Relevant to claims	Identity of document and passage or figure of particular relevance
A		US 5615335 A EMC - Note loading of I/O tests into a controller for testing and evaluating a storage system.
A,E		US 6567889 B1 LSI- Note formation of a virtual LUN from Cache memory of the RAID Controller in order to improve performance.
A		US 2002/0095532 A1 IBM - See whole document. Note performance tuning in pre I/O operation phase.
A		EP 0714063 A3 HEWLETT-PACKARD - See whole document. Note method of improving performance in a RAID system using metrics.

Categories:

X Document indicating lack of novelty or inventive step	A Document indicating technological background and/or state of the art
Y Document indicating lack of inventive step if combined with one or more other documents of same category.	P Document published on or after the declared priority date but before the filing date of this invention.
& Member of the same patent family	E Patent document published on or after, but with priority date earlier than, the filing date of this application.

Field of Search:

Search of GB, EP, WO & US patent documents classified in the following areas of the UKC^Y:

G4A

Worldwide search of patent documents classified in the following areas of the IPC^Z:

G06F

The following online and other databases have been used in the preparation of this search report:

Online: EPOQUE, WPI, JAPIO

INFORMATION DISCLOSURE CITATION FORM FOR PATENT APPLICATION (FORM PTO-1449) (Substitute)		Docket No.: GB920020094US1	Serial No.:		
		Applicant(s): Scales et al.			
		Filing Date: herewith	Group:		
U.S. PATENT DOCUMENTS					
Examiner Initials	Document Number (Number-Kind Code)	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant	Class	Sub-class
	US-6,567,889 B1 US-5,615,335 US-2002/0095532 A1 US- US- US- US- US- US- US- US- US- US- US- US- US- US-	05-20-2003 03-25-1997 07-18-2002	DeKoning et al. Onffroy et al. Surugucchi et al.	711 395 710	114 183.06 5
FOREIGN PATENT DOCUMENTS					
Examiner Initials	Document Number (Country Code-Number-Kind Code)	Publication Date (MM-DD-YYYY)	Name Of Patentee of Applicant	Translation? Yes/No/n/a	
	EP-0714063-B1	02-20-2002	Hewlett-Packard Company		
	- -	-	-		
	- -	-	-		
	- -	-	-		
	- -	-	-		
	- -	-	-		
	- -	-	-		
OTHER DOCUMENTS (Author (Capitalize), Title, Date, Pages, Etc., if known)					
	"A Case for Redundant Arrays of Inexpensive Disks (RAID)", David A. Patterson, et al., Univ. of California, Dept. of Electrical Engineering and Computer Sciences, 13 pages				
Examiner's Signature:			Date Considered:		
Initial if reference was considered, whether or not citation is in conformance with MPEP. Mark through citation if not considered. Include a copy of this citation form with your next correspondence to the Applicant(s).					